

SHIP: USS LASALLE (AGF-3)

ITEM NO: 261-11-002

COAR: 16-537

PCN: EB14-2413

CMP: NONE

SURVEYOR: BETTS

1. SCOPE:

1.1 Title: Air Deballast Piping; replace

1.2 Location of Work:

1.2.1 Fuel Oil Tank (8-96-6-F)

1.2.2 Mechanical and Electric Parts Storeroom (4-96-4-A)

1.3 Identification:

1.3.1 Quantity (8 Feet), 4 Inch IPS, Air Deballast Piping From and Including Downstream Elbow to One Foot Above Deck in Space listed in 1.2.2

2. REFERENCES:

- a. Standard Items
- b. 508-4351012, Air Deballast Sys 4th Deck & Below Fr 168 to 245
- c. 508-4351013 Rev A, Air Deballast System Mat'l List Notes & References
- d. 115-1773328 Rev U, Misc Cable Degaussing, Piping & Wireway Trunks
- e. 803-1385866, Penetration Bulkhead & Deck
- f. MIL-STD-777, Schedule of Piping, Valves, Fittings, and Associated Piping Components for Naval Surface Ships

3. REQUIREMENTS:

3.1 Remove and install new air deballast piping and fittings as listed in 1.3, using 2.b through 2.e for guidance. New materials shall conform to 2.f, including Category and Group Y-3.

3.1.1 Chip and grind surfaces in way of repairs.

3.1.2 The carbon steel piping shall be MIL-P-24691 or ASTM A106, Grade A or B, Schedule 40.

SHIP: USS LASALLE (AGF-3)

3.1.3 Inspect piping trunk for deterioration and holes.

3.1.3.1 Submit a report of the results of the requirements of 3.1.3 to the SUPERVISOR.

3.1.3.2 Remove and install new up to 15 square feet of pipe trunk located in 1.2.1 as a result of the report of 3.1.3.1, as designated by the SUPERVISOR.

3.2 Accomplish the requirements of 009-12 of 2.a, including Table One, Column A, Lines One through 10, and Table 3, Column A, Lines One through 7.

3.3 Isolate components subject to damage and clean the new air deballast piping system to a cleanliness level that results in the internal surfaces being cleaned free of contamination and any remaining residue on the surface does not interfere with the operation of or damage system components.

3.4 Accomplish the requirements of 009-71 of 2.a for new and disturbed air deballast piping.

(V) (G) "OPERATIONAL TEST"

3.5 Accomplish a 50 PSIG air flow test of the new and disturbed air deballast piping and ensure unobstructed flow.

3.6 Accomplish the requirements of 009-25 of 2.a for the air hose test of bulkhead and deck penetrations welded seams. Allowable leakage: None.

3.7 Accomplish the requirements of 009-32 of 2.a for the new and disturbed surfaces.

4. NOTES:

4.1 None.

SHIP: USS LASALLE (AGF-3)

5. GOVERNMENT FURNISHED MATERIAL (GFM):

	<u>QTY</u>	<u>UI</u>	<u>NAME OF PART/ DESCRIPTION</u>	<u>PIECE NO.</u>	<u>REF. NO.</u>	<u>NATIONAL STOCK NO.</u>	<u>PARA NO.</u>
5.1	PUSH MATERIAL:						
1.	None.						
5.2	KITTED MATERIAL:						
1.	None.						
5.3	LLTM:						
1.	8	Ft	4 Inch IPS, Steel Pipe .120 Wall Thk	P-2	2.c	9C4710002777256	3.1
2.	One	Ea	4 Inch IPS, Elbow, 90 Degree, Steel	F-4	2.c	9C4730002784772	3.1
3.	2	Ea	4 Inch IPS Deck Sleeve, Steel	F-5	2.c	9G2040002775787	3.1
4.	4	Ea	4 Inch IPS, Split Type Backing Rings, Steel	---	---	9C4730LLL870629	3.1
5.	One	Lm	3/16 Inch Thk, 7.65 # Plate, ABS Grade A Steel	057	2.d	9Z9515002375333	3.1